

# Tequat LC90i

TECHNICAL SPECIFICATION	PRODUCT
NUMBER	STW: EX/425/5
DATE	2024-11-20
CHEMICAL NAME	Fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized, with addition of isopropyl alcohol
TECHNICAL REQUIREMENTS	<p>Appearance at temperature (20÷25)°C ..... soft white to yellow paste</p> <p>Colour in Gardner scale at 50 °C ..... max 3 (PN-EN ISO 4630-1:2006)</p> <p>pH of 5% water/isopropanol solution (1:1) ..... 2.0 ÷ 3.5 (PN-89/C-04963, potentiometric method at 20 °C)</p> <p>Active substances content, mmol/g ..... 0.99 ÷ 1.12 (LA/2089)</p> <p>Water, %(m/m) ..... max 1 (PN-ISO 760:2001, direct method)</p>
INFORMATIVE DATA*	<p>Solubility in water ..... forms dispersion</p> <p>Density at 50°C, g/mL ..... approx. 0.964</p> <p>Odour ..... characteristic for isopropanol</p> <p>Melting point, °C ..... approx. 27</p>
USE	Product is used as a softening and antistatic agent which is a major component of fluids and concentrates of fabric industry household.

\* These informative data are not technical requirements and cannot form the basis for any claims.

**USE** Product is used as a softening and antistatic agent which is a major component of fluids and concentrates of fabric industry household.

**PACKAGING**

Polyethylene drums with a capacity of 120 and 220 liters and other packaging as agreed with the customer.

**STORAGE**

Store in tightly closed containers in roofed areas, away from sources of ignition.

For the product in a solid state the temperature of storage should be 5÷30°C. The product is sensitive to frost. In case the product freezes, heat it up slowly up to about 50°C and mix it. It is not recommended to expose the product to more than three freezing-thawing cycles.

The storage temperature of melted product should be max. 55°C. Higher storage temperature leads to discoloration and loss of solvent. Containers made of acid resistant steel or covered with inner rubber lining and equipped with electrical or water heating are suitable.

**SHELF LIFE**

Guaranteed period of stability: 12 months from the date of manufacture.

**TRANSPORTATION**

Limitations resulting from **ADR, RID, IMDG, ICAO/IATA** regulations apply, **UN 1987 Alcohols, N.O.S.** (Isopropanol),

**Transport hazard class(es): 3;**

**Packing group: III**

**CLASSIFICATION AND  
LABELLING**

This technical specification is applicable only if accompanied by the Safety Data Sheet in force. Pursuant to statutory requirements, only the Safety Data Sheet includes updated safety information.

The information contained herein is provided in good faith, based on our state of the art knowledge and experience. We reserve the right to amend this Technical Specification as a result of technological progress and product development by the manufacturer.

This product is intended for the purposes specified herein, for industrial and professional use. To use the product for purposes other than indicated herein, please contact PCC EXOL SA for consultation sending an e-mail to: [industrial.application@pcc.eu](mailto:industrial.application@pcc.eu)

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